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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,809	11/30/2000	Michihiro Kaneko	Q62005	8716

7590 12/18/2003  
SUGHRUE, MION, ZINN, MACPEAK & SEAS  
2100 Pennsylvania Avenue, N.W.  
Washington, DC 20037

EXAMINER

GRIER, LAURA A

ART UNIT PAPER NUMBER

2644

DATE MAILED: 12/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

TS

# Office Action Summary

Application No.

09/725,809 (I.A.G.)

Applicant(s)

NAKA ET AL.

Examiner

Laura A Grier

Art Unit

2644

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 11 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. **Claims 1, 3, 5-9, 11, and 13-15** are rejected under 35 U.S.C. 102(e) as being anticipated by Brooks, Jr. et al., U. S. Patent No. 6212555.

Regarding **claims 1 and 3**, Brooks, Jr. et al., (herein, Brooks) discloses an audio transfer storage and playback system (figures 1-3). Brooks disclosure comprises a computer server (1) with music/recording libraries of prerecorded music or voice on tapes, CDs, etc., and means of recording and storing live music or voice, wherein the recorded music may be categorized as to format as classical, jazz, contemporary, rap, and others, and same for the recorded voice works (col. 3, lines 6-17), which reads on a memory for storing audio information comprising a plurality of unit information; a transmission means (5) to deliver the stored data which includes the different formats (classical, jazz, contemporary, rap, and others, and same for the recorded voice works) in which the music and voice recordings are provided for playback in an audio receiver/player device, (col. 3, lines 17-24 and col. 30-41), which reads on the transmitting device for transmitting correspondence information to an external portions; a receiver/player (6) receives the transmitted audio data with reproduction control information, which is inherent by

the fact that the audio works having been record or stored in different formats, which reads obtaining information to control the reproduction manner of the audio; and a microprocessing unit (10) or microprocessing memory system for enabling the reproduction of the audio information unit from memory (col. 3, lines 56-65), which reads on a controlling device.

Regarding **claim 5**, Brooks discloses everything claimed as applied above (see claim 1). Brooks disclose that information and/or data may be transferred and/or transmitted via telephone line connections or wireless communication transmission (col. 3, lines 33-41 and figure 3), which indicates electric communication line.

Regarding **claim 6**, Brooks discloses everything claimed as applied above (see claim 1). Brooks disclose that the information data may be record onto a record medium wherein the reproduction control information is transferred as well (col. 3, lines 6-26).

Regarding **claim 7**, Brooks, Jr. et al., (herein, Brooks) discloses an audio transfer storage and playback system (figures 1-3). Brooks disclosure comprises and receiver/player device which may be stand-alone unit for use in a home or office or a unit of an automobile (col. 3, lines 49-53), which reads on the audio information reproducing apparatus; a computer server (1) with music/recording libraries of prerecorded music or voice on tapes, CDs, etc., and means of recording and storing live music or voice, wherein the recorded music may be categorized as to format as classical, jazz, contemporary, rap, and others, and same for the recorded voice works (col. 3, lines 6-17), which reads on a memory for storing audio information comprising a plurality of unit information; a transmission means (5) to deliver the stored data which includes the different formats (classical, jazz, contemporary, rap, and others, and same for the recorded voice works) in which the music and voice recordings are provided for playback in an audio

receiver/player device, (col. 3, lines 17-24 and col. 30-41), which reads on the transmitting device for transmitting correspondence information to an external portions; a receiver/player (6) receives the transmitted audio data with reproduction control information, which is inherent by the fact that the audio works having been record or stored in different formats, which reads obtaining information to control the reproduction manner of the audio; and a microprocessing unit (10) or microprocessing memory system for enabling the reproduction of the audio information unit from memory (col. 3, lines 56-65), which reads on a controlling device.

Regarding **claim 8**, Brooks discloses everything claimed as applied above (see claim 7). Brooks further disclose the receiver/player device which may be unit for use in an automobile (col. 3, lines 49-53), which reads on movable body being a car.

Regarding **claims 9 and 11**, Brooks, Jr. et al., (herein, Brooks) discloses an audio transfer storage and playback system (figures 1-3). Brooks disclosure comprises and receiver/player device which may be stand-alone unit for use in a home or office or a unit of an automobile (col. 3, lines 49-53), which reads on the audio information reproducing apparatus; a computer server (1) with music/recording libraries of prerecorded music or voice on tapes, CDs, etc., and means of recording and storing live music or voice, wherein the recorded music may be categorized as to format as classical, jazz, contemporary, rap, and others, and same for the recorded voice works (col. 3, lines 6-17), which reads on a memory for storing audio information comprising a plurality of unit information; a transmission means (5) to deliver the stored data which includes the different formats (classical, jazz, contemporary, rap, and others, and same for the recorded voice works) in which the music and voice recordings are provided for playback in an audio receiver/player device, (col. 3, lines 17-24 and col. 30-41), which reads on the transmitting

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device for transmitting correspondence information to an external portions; a receiver/player (6) receives the transmitted audio data with reproduction control information, which is inherent by the fact that the audio works having been record or stored in different formats, which reads obtaining information to control the reproduction manner of the audio; and a microprocessing unit (10) or microprocessing memory system for enabling the reproduction of the audio information unit from memory (col. 3, lines 56-65), which reads on a controlling device; further Brooks disclose that information and/or data may be transferred to the computer server, which constitutes as generating apparatus of the audio works and reproduction control information, and to the receiver/player device via telephone line connections or wireless communication transmission (col. 3, lines 33-41 and col. 5, lines 26-30 and figure 3); and further the computer server (generating apparatus) and the receiver/player device (audio information reproducing apparatus) are separate devices (figure 3).

Regarding **claim 13**, Brooks discloses everything claimed as applied above (see claim 9). Brooks disclose that information and/or data may be transferred and/or transmitted via telephone line connections or wireless communication transmission (col. 3, lines 33-41 and figure 3), which indicates electric communication line.

Regarding **claim 14**, Brooks discloses everything claimed as applied above (see claim 9). Brooks disclose that the information data may be record onto a record medium wherein the reproduction control information is transferred as well (col. 3, lines 6-26).

Regarding **claim 15**, Brooks discloses everything claimed as applied above (see claim 9). Brooks further discloses the receiver/player device (audio information reproduction apparatus)

which may be a unit for use in an automobile (col. 3, lines 49-53), which reads on movable body; and the computer server (generating device) which may constitutes as a personal computer.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claims 2 and 10** are rejected under 35 U.S.C. 103(a) as being unpatentable over Brooks in view Ogawa et al., U. S. Patent No. 6147938.

Regarding **claims 2 and 10**, Brooks discloses everything claimed as applied above (see claim 1 and 9, respectively). Brooks disclosure teaches that the unit information may be a music work (music composition) and obviously provides indication of partial music information, as evident by the fact that alphanumeric information about the particular piece of music can be provided (col. 4, lines 2-6). However, Brooks fails to specifically disclose the title of the music composition. The examiner maintains that the tile of a music composition was well known.

Regarding providing a title of the music composition, Ogawa discloses a vehicle electronic audio system comprising an electronic control unit (a cassette tape, mini disk or CD), wherein the electronic control unit provides display information data such as an album title, song title, and the like of the audio being recorded (col. 15, lines 36-40)., which reads on a the title of a music composition.

Thus, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Brooks by providing the title of the music piece as part of the audio information or correspondence information of the audio/music for the purpose of enabling the user to know the name or title of the audio selection being played.

5. **Claims 4 and 12** are rejected under 35 U.S.C. 103(a) as being unpatentable over Brooks in view of Ogawa et al.

Regarding **claims 4 and 12**, Brooks discloses everything claimed as applied above (see claim 1 and 9, respectively). Brooks disclosure provides a display for the display an alphanumeric information of the audio works (col. 4, lines 2-6). However, Brooks fails to specifically disclose the title of the music composition. However, the examiner maintains that such a display providing the title of a music composition was well known.

Regarding the display providing a title of the music composition, Ogawa discloses a vehicle electronic audio system comprising an electronic control unit (a cassette tape, mini disk or CD), wherein the electronic unit comprises a display for displaying an album title, song title, and the like of the audio being recorded (col. 15, lines 36-40), which reads on a displaying the title of a music composition.

Thus, it would have been obvious to one of the ordinary skill in the art at the time the invention was made to modify the invention of Brooks by providing a display of the title of the music piece for the purpose of enabling the user to see the name or title of the audio selection being played.



***Response to Arguments***

6. Applicant's arguments filed 09/11/03, have been fully considered but they are not persuasive.

The applicant basically argues the prior art reference, Brooks, fails to disclose the claimed invention, in respect the concept of the invention relating to being able to reproduce audio information such as the name or title associated with particular information, and the tone at which the audio information should be reproduced (claims 1 and 9). In respect to the applicant's argument, the concept of the invention is clear, however, the claim language of the invention fails to limit the type of information included in the reproduction information. And as well, the argument of "Brooks offers no method of modifying the data files, and obtaining information from the server that controls reproduction of data files, the claim language as written does not the limit the interpretation of the invention to overcome the rejection of Brooks. In particularly, the term, "modifying the data files" is not claim. Thus, the prior art rejection of Brooks is maintained. In respect to the applicant's argument of the "Official Notice" by the examiner (claims 2, 4, 10 and 12 (not claim 14)), the official notice rejection has been removed and a reference of prior art has been provided, as set forth in the rejection above.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura A Grier whose telephone number is (703) 306-4819. The examiner can normally be reached on Monday - Friday, 7:30 am - 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Forester W. Isen can be reached on (703) 305-4386.

**Any response to this action should be mailed to:**

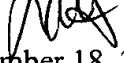
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**Or faxed to:**

**(703) 872-9314 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

LAG   
November 18, 2003

  
**XU MEI**  
**PRIMARY EXAMINER**